



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ :

E04B 1/344, E04H 1/12

A1

(11) International Publication Number:

WO 00/50702

(43) International Publication Date:

31 August 2000 (31.08.00)

(21) International Application Number: PCT/IT00/00053

(22) International Filing Date: 18 February 2000 (18.02.00)

(30) Priority Data:

MI99A000393

26 February 1999 (26.02.99)

IT

(71)(72) Applicant and Inventor: CAZZOLARO, Sergio [IT/IT];
Località Villa Ivana, I-26823 Casaglion d'Adda (IT).(74) Agent: CIONI, Carlo; Studio Cioni & Pipparelli, Viale Caldara,
38, I-20122 Milano (IT).(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR,
BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP,
KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW,
ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ,
UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI
patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR,
NE, SN, TD, TG).

Published

With international search report.

(54) Title: STRUCTURES WHICH CAN BE DISMANTLED AND FOLDED, CONSISTING OF INTERCONNECTING TUBULAR
ELEMENTS

(57) Abstract

Composite structures obtained by joining two or more structures of the type which presents pairs of joined tubular elements (5), whose extremity is hinged in universal joints and in which the universal joints are substantially parallelepiped in form and present four seats of hinging corresponding to the sides faces, in which said universal joints present grooves (6) along the sides of the face, in which are scheduled the seats to hinge the extended elements, in proximity of the edges and parallel to the same edges, that cooperate with C-sectioned fixing elements (9) to hold united two matched universal joints belonging to two structures from join.

